

Title (en)
Lathe with a one-piece machine support made of concrete polymer

Title (de)
Drehmaschine mit einem einstückigen Gestell aus Polymerbeton

Title (fr)
Tour avec corps monolithique en béton polymère

Publication
EP 1719573 A1 20061108 (DE)

Application
EP 06006638 A 20060330

Priority
DE 102005021638 A 20050506

Abstract (en)
The rotary machine has a fast tool changer and the workpiece spindle, fitted to a rigid machine bed (11), and covered by a machine upper part (12). The machine bed and the machine upper part of molded from polymer concrete to form all the functional surfaces and cavities within a one-piece machine frame.

IPC 8 full level
B23Q 1/01 (2006.01); **B23Q 11/00** (2006.01); **B24B 13/04** (2006.01)

CPC (source: EP US)
B23Q 1/0045 (2013.01 - EP US); **B23Q 1/015** (2013.01 - EP US); **B23Q 11/0035** (2013.01 - EP US); **B24B 13/046** (2013.01 - EP US); **Y10T 29/50** (2015.01 - EP US); **Y10T 29/5114** (2015.01 - EP US); **Y10T 82/2508** (2015.01 - EP US); **Y10T 409/30392** (2015.01 - EP US)

Citation (search report)

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Citation (examination)

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Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1719573 A1 20061108; CN 100571938 C 20091223; CN 1857834 A 20061108; DE 102005021638 A1 20061116; DE 102005021638 B4 20070329; HK 1093939 A1 20070316; JP 2006312236 A 20061116; US 2006248697 A1 20061109; US 7278192 B2 20071009

DOCDB simple family (application)
EP 06006638 A 20060330; CN 200610077688 A 20060428; DE 102005021638 A 20050506; HK 07101249 A 20070201; JP 2006129524 A 20060508; US 41504606 A 20060501